

CSO Solicitation No. 2203

Construction Engineering and Inspection Services (Rails) for Project No. 301-145

Prequalification Category - Construction Engineering and Inspection (Rails)

ELIGIBLE FIRMS HAVE BEEN SENT AN OFFICIAL COPY OF THIS SOLICITATION LETTER.

THIS LETTER IS BEING POSTED HERE FOR INFORMATION ONLY.

The Connecticut Department of Transportation (Department) is seeking to engage one (1) prequalified consultant engineering firm to provide Construction Engineering and Inspection services on the following project, which is scheduled to be advertised on November 27, 2013. The anticipated consultant start date is February 1, 2014 with an estimated completion date of July 1, 2017. The scope code for this project is "P".

Project No. 0301-0145 : Replace the existing catenary system on the New Haven Line in South Norwalk to Southport (Section C1a) and Bridgeport to Stratford (Section C2), totaling approximately 11 miles on four tracks, from catenary structure 529F to 639 and from 788 to 862, respectively. The present antiquated 90 year old system will be replaced with a state-of-the-art two wire automatically tensioned (AT) catenary system. The new system is designed for the maximum speed allowed by track geometry, other physical restraints and to support Amtrak's Northeast Corridor High Speed Rail Program and Federal High Speed Rail initiatives. The bulk of the project is the replacement of all existing overhead railroad traction system conductors. Approximately 87 new structure caisson foundations designed for a maximum depth of 12 feet are anticipated to be installed. All of the existing catenary portal structures are being utilized and many require foundation and steel repairs.

The project also includes the installation of aerial innerduct to house new 144 fiber – Fiber Optic Cables on the north and south sides of the railroad as part of a system wide communication upgrade planned for the entire New Haven Line.

Information regarding the licensing, certification and qualification requirements for this project can be found in the "Construction Engineering and Inspection Information Pamphlet for Consultants" dated August 2008. (This Pamphlet can be found online at www.ct.gov/dot under the publications link.) Due to the complexity and magnitude of this project, the Department's standard personnel qualifications, as found in the "Construction Engineering and Inspection Information Pamphlet for Consultants" (pamphlet) dated August 2008 and will be supplemented as follows:

Key personnel labor classifications:

- The Resident Engineer will be required to be an employee of the prime consultant and must be assigned to the project on a full time basis. This individual shall also meet the requirements in the Pamphlet for a "Resident Engineer 3". The Resident Engineer shall have not less than fifteen (15) years employment in railroad and civil engineering, of which at least (10) years must have been in a Supervisory capacity on complex rail construction projects. Previous experience shall include at least one (1) construction inspection project with a value in excess of \$30 million and at least one (1) construction inspection project on a railroad catenary or electrical system. The Resident Engineer must have a minimum of a Bachelor of Science Degree in Civil, Electrical or Construction Engineering and must be registered as a Professional Engineer in the State of Connecticut.

- The Assistant Resident Engineer must meet the minimum requirements in the Pamphlet for a "Resident Engineer 2" modified as follows: at least seven (7) years of the qualifying experience shall have been on railroad reconstruction, of which at least four (4) years shall have been on railroad catenary system construction.
- Chief Inspector (Catenary) must meet the minimum requirements in the Pamphlet for a "Chief Inspector" modified as follows: at least four (4) years of the qualifying experience shall have been on railroad catenary system construction.
- Senior Inspector (Catenary) must meet the minimum requirements in the Pamphlet for a "Chief Inspector" modified as follows: at least three (3) years of the qualifying experience shall have been on railroad catenary system construction.
- Senior Inspector (Civil/Railroad//Electrical/Communication) must meet the minimum requirements in the Pamphlet for a "Senior Inspector" modified as follows: at least three (3) years of the qualifying experience shall have been in the inspection of construction of railroad, electrical or network communication system.
- The Office Engineer shall meet the requirements of the Pamphlet for an "Office Engineer 2" modified as follows: shall be experienced in the use of AASHTO Site Manager Record keeping software and Primavera Contract Manager Record keeping software. The Office Engineer shall also have at least three (3) years' experience as an Office Engineer on a construction project having a value in excess of \$20 million.
- The Force Account Manager (Contract Manager Record keeping) shall meet the requirements of the Pamphlet for an "Office Engineer 1" modified as follows: shall have at least two (2) years' experience in railroad force account management utilizing Contract Manager.
- The Project Scheduling Coordinator shall have a minimum of Bachelor of Science Degree in Civil, Construction Engineering or Construction Management, with a background in Railroad Construction. The Project Scheduling Coordinator shall have a minimum of five (5) years' experience in the use of Primavera P6 scheduling software, be familiar with resource loading, railroad track outages, stage construction and have at least three (3) years' experience in developing CPM schedule utilizing Primavera software.
- All other staffing shall meet the minimum requirements for the classifications found in the Pamphlet.

Firms responding to this request should be of adequate size and sufficiently staffed and experienced to perform this assignment and will be required to provide the necessary staffing upon execution of the contract.

Please be advised that the Department currently utilizes Site Manager software for construction management reporting. Firms should also be familiar with the Department's construction policies as outlined in our Construction Manual. (This Manual can also be found online at www.ct.gov/dot/construction under the publications link.)

If your firm desires to be considered for this assignment, your submittal should consist of a one page letter of interest and ConnDOT Form CSO 255, along with a maximum of ten (10) resumes, of which one must

be that of the proposed Resident Engineer, and another the proposed Assistant Resident Engineer, as well as assurance that they will be available for work when required. The CSO 255 Form can be found online at www.ct.gov/dot/consultant. **Four (4) copies of the submittal are required and they must be either postmarked by, or, if hand delivered, received by 3:00 p.m. on November 7, 2013.**

Included in the submittal must be a brief narrative summarizing your current construction inspection workload and the staff assigned to those projects. You must also include a narrative description of proposed staff qualifications, and their experience and expertise in (1) Field inspection and Management of railroad Catenary system including new structure and repair of existing steel and foundations; (2) Experience in engineering and inspection of railroad force account projects; (3) Familiarity of FRA regulations and FTA policies and procedures; (4) Experience in Fiber optic cable, Railroad Communication and security system projects; (5) Inspection of railroad track, signalization and traction power (6) required NETTCP certs (Certified Concrete Technician, Soils and Aggregate Inspector); (7) CPM Scheduling (Primavera); and (8) familiarity with ConnDOT's construction inspection standards and procedures and working on railroad right of ways. Responding firms must also provide copies of the required licenses and certifications for the proposed inspectors, resident engineer, and office engineer showing that they are in current standing.

All firms are advised that the prime consultant must perform the major part of the work with employees of the firm. Sub-consultants may be used to comply with DBE requirements or to perform specialized work. Joint venturing will not be allowed.

You are advised that a disadvantaged business sub-consultant goal applies to this project. The goal will be no less than twelve (12) percent of the agreement value. Within the submittal, you must include the designated certified Disadvantaged Business Enterprise (DBE) sub consultant(s) which you plan to use. The DBE sub consultant(s) must be currently certified by the Department. The selected firm will be required to document their good faith effort to provide opportunities for DBE firms to participate.

Prior to the negotiation process, the selected firm will be required to have a Department-approved audit and affirmative action plan, as well as current corporate registration with the Secretary of State (partnerships excluded). The selected firm will also be required to maintain insurance coverage from a firm approved to do business in the State of Connecticut. A minimum of five million dollars (\$5,000,000) Professional Liability Insurance coverage, with a maximum deductible of five hundred thousand dollars (\$500,000), will be required. Proof of coverage must be submitted on acceptable insurance forms prior to the start of the negotiations process.

Do not send additional documentation other than what is requested. The Consultant Selection Panel may reject your submittal, and your firm may not be considered for this project if you provide additional documentation such as corporate brochures, background information, and histories.

In accordance with the Connecticut General Statutes (CGS) Sections 4-252 and 4a-81, firms, once selected, must complete the Office of Policy and Management's (OPM) Ethics Form 1 (Gift and Campaign Contribution Certification, Rev. 11-29-11) and Form 5 (Consulting Agreement Affidavit, Rev. 10-01-11), prior to the agreement/contract execution. Forms 1 and 5 apply to all consulting agreements/contracts which have a total value to the State of fifty thousand dollars (\$50,000) or more in a calendar or fiscal year. Any consultant that does not complete the certification (Form 1) required under subsection (e) of CGS 4-252 or refuses to submit the affidavit (Form 5) required under subsection (c) of CGS 4a-81 shall be disqualified and the Department shall award the agreement/contract to the next highest ranked consultant or seek new submittals in accordance with subsection (d) of CGS 4-252 and subsection (d) of CGS 4a-81. Further information on these requirements can be obtained online at <http://www.ct.gov/opm> via the Ethics Affidavits link.

Please note, in an effort to streamline the certification and affidavit process for contract/agreement execution, the Department is requiring selected firms to upload Forms 1 and 5 on the Department of Administrative Services (DAS) Business Network ("BizNet") website. Further information can be found at <http://das.ct.gov/cr1.aspx?page=371>, to subscribe to Biznet and obtain directions to upload the forms following the "Vendor Guide to Uploading Affidavits and Nondiscrimination Forms Online (pdf)".

For all State contracts as defined in CGS § 9-612(g)(1) having a value in a calendar year of \$50,000 or more or a combination or series of such agreements or contracts having a value of \$100,000 or more, the authorized signatory to this submission in response to the State's solicitation expressly acknowledges receipt of the State Elections Enforcement Commission's Notice titled "Notice to Executive Branch State Contractors and Prospective State Contractors of Campaign Contribution and Solicitation Limitations" (Notice) advising state contractors of state campaign contribution and solicitation prohibitions, and will inform its principals of the contents of the Notice. The State Elections Enforcement Commission's Notice can be found online at www.ct.gov/SEEC by clicking on the Forms link and then the Contractor Reporting Forms link. The Notice is hereby made a part of this solicitation.

Circumstances may require rescheduling or cancellation of projects and, should such action be necessary, ConnDOT would be under no obligation to provide supplementary work for the firms selected for these assignments.

The Department reserves the right to add additional projects of a similar nature for a separate selection should additional projects become available prior to the interview phase of the selection process.

All letters of interest shall be addressed to:

Mr. David Mancini, P.E.
Consultant Selection Office
Connecticut Department of Transportation
2800 Berlin Turnpike
Newington, Connecticut 06111

Hand delivered letters should be brought to the front desk at the aforementioned address no later than 3:00 p.m. on **November 7, 2013**.

Please be advised that firms must continue to be prequalified in the specified category in the year a shortlist is finalized and/or a selection is made.

All inquiries regarding this request for Letters of Interest shall be directed to Mr. David Mancini of the Consultant Selection Office at (860) 594-3017.